

US EPA ARCHIVE DOCUMENT

## FY 2010 National Water Program End of Year Performance by Subobjective

The following chapters provide a summary of the progress made toward accomplishing environmental and program goals for each subobjective described in the FY 2010 *National Water Program Guidance*. Each subobjective chapter includes the following information:

- A brief summary of overall performance in 2010 and the previous four years for measures under each subobjective.
- A description of performance highlights, including what commitments were met and what factors contributed to success.
- A description of management challenges, if appropriate, identifying key factors that led to measures not being met and next steps to improve performance for the future.

Each subobjective section focuses primarily on measures with FY 2010 commitments. Indicator measures are discussed where trends significantly differ from previous year's results. Annual Commitment System (ACS) measure codes are provided in the text in parentheses.

### Key for Reading Performance Measure Charts and Tables

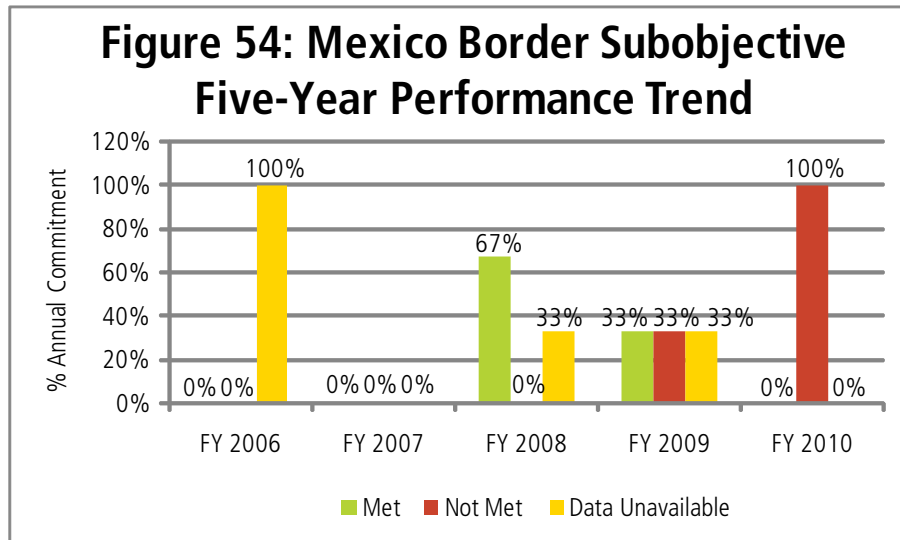
For all charts with national trend results, commitments are reflected by trend lines and results by vertical bars. For charts with regional FY 2010 results, a dotted line indicates the national FY 2010 commitment for that particular measure. Although regions use the national commitment as a point of reference in setting their annual commitments, regional commitments may vary based on different conditions. Green bars in both national and regional charts identify commitments met, and red bars identify measures not met.

For the measure summary tables in each subobjective chapter, a green "up" arrow means that a measure met its FY 2010 commitment, and a red "down" arrow indicates that the annual commitment was not met. The letter "I" means that the measure is an indicator measure and did not have an annual commitment for FY 2010. Measures without data or not reporting in FY 2010 are indicated by "Data Unavailable." An "LT" symbol notes that the measure has a long-term goal and does not have an annual commitment. A gold star (★) in the past trends column highlights that the measure has met its annual commitment 100% of the time over the past four or five years. And finally, the appendix number represents the page in Appendix D (D-00) on the website where additional details about the measure can be found, and the figure number is the number of the chart in the chapter.



## Subobjective: Mexico Border

In FY 2010, EPA did not meet its commitments for the U.S.–Mexico Border Program due to construction delays for a small number of projects, as outlined below (Figure 54). In 2006 and 2007, EPA focused its efforts on refining the methodology for commitment-setting and associated data collection, while also providing end of year results for these measures. In 2008 and 2009, EPA developed a methodology for reporting on the amount of pollutants (biological oxygen demand [BOD]) removed from wastewater in the border region as a result of EPA investments in wastewater infrastructure. EPA reported on this measure for the first time in FY 2010.



FY 2010 ACS Code	Measure Description	Met/Not Met (I = Indicator) (Data Unavailable = No Data/Not Reporting) (LT = Long-Term Target)	Past Trends/ # of Years Met	D-22Appendix Page Number (D-0)/ Figure Number
<b>Subobjective 4.2.4 Mexico Border</b>				
SP-23	BOD loadings removed Mexico Border	▼	0/1	D-40
SP-24	Safe drinking water homes Mexico Border	▼	2/3	D-41/Fig. 55
SP-25	Wastewater sanitation homes Mexico Border	▼	1/3	D-41/Fig. 56

The United States and Mexico have a longstanding commitment to protecting the environment and public health in the U.S.–Mexico Border region. EPA's U.S.–Mexico Border Program will continue to implement this bi-national program by working with the Mexican government, the Border Environment Cooperation Commission, the North American Development Bank, the 10 border states, and border communities to improve public health and the environment in the region.

The U.S.–Mexico Border Water Infrastructure Program provides funding for the development and construction of wastewater and drinking water infrastructure for border residents, often for first time services. EPA establishes annual commitments for the safe drinking water and wastewater sanitation measures using detailed project schedules to estimate project completions. Although EPA closely monitors the progress of all border infrastructure projects, the nature of infrastructure projects is such that unanticipated delays can and sometime do occur. Conversely, projects sometimes progress more quickly to completion than originally forecast. Either of the above situations—an unanticipated project delay or an expedited project completion—can affect end of year performance reporting.

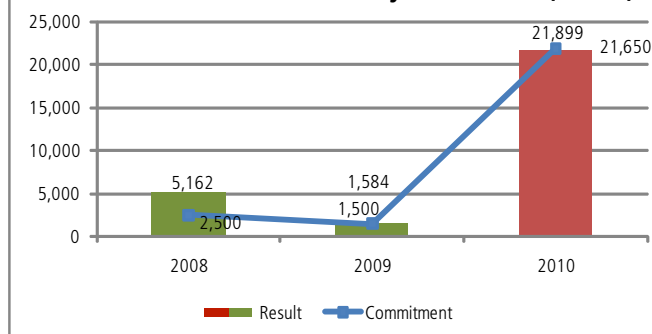
## FY 2010 Performance Highlights and Management Challenges

Construction delays in 2010 had a significant impact on the U.S.–Mexico Border Program’s performance. For the first time in FY 2010, EPA began reporting on the amount of pollutants (BOD) from wastewater that are removed as a result of EPA investments in wastewater infrastructure. EPA funding supported the removal of 18.7 million pounds of BOD loadings from the U.S.–Mexico Border area, short of its commitment of 36 million pounds (based on a baseline of 0 in 2003) (SP-23). EPA based the FY 2010 target on expected project completions for the year. Two large wastewater projects faced construction delays and were completed in the first quarter of FY 2011 rather than in FY 2010 as expected. BOD removal associated with these two projects will be reported in FY 2011.

**Safe Drinking Water to Homes in U.S.–Mexico Border Area.** EPA provided access to safe drinking water for 21,650 additional homes in the U.S.–Mexico Border area that lacked access to a potable water supply in 2010 (SP-24) (Figure 55). A construction delay on a small water project in Region 6 resulted in the connections target falling slightly short of the commitment of 21,889 additional homes. The project is scheduled for completion in FY 2011, and its connections are incorporated in the FY 2011 target. Since 2003, the Agency has provided access to safe drinking water to 52,130 additional homes. As a result, the Agency has exceeded its long-term 2012 commitment of 24,628 additional homes.

**Adequate Wastewater Sanitation to Homes in the U.S.–Mexico Border Area.** EPA provided adequate wastewater sanitation to an additional 75,175 homes over the past year. Two large wastewater projects were completed in the first quarter of FY 2011 rather than FY 2010, preventing EPA from meeting its FY 2010 commitment of 190,720 additional homes. EPA will report the connections associated with these two projects in FY 2011, and they have been incorporated into the FY 2011 target. Cumulative wastewater sanitation connections made through FY 2010 total 254,125 homes (SP-25) (Figure 56), exceeding the Agency’s long-term commitment of connecting 172,681 homes by FY 2012.

**Figure 55: Access to Safe Drinking Water in Homes in Mexico Border by Fiscal Year (SP-24)**



**Figure 56: Access to Wastewater Sanitation in Homes in Mexico Border by Fiscal Year (SP-25)**

